



SEQUENCE LISTING

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Astrid, Danen-Van Oorschot AAM

RECEIVED

<120> Apoptin-Associating Proteins

JUL 29 2002

<130> 2906-4995US

TECH CENTER 1600/2900

<140> 09/655,109

<141> 2000-09-05

<150> EP 99202858.9

<151> 1999-09-02

<150> EP 99203465.2

<151> 1999-10-21

<160> 10

<170> PatentIn version 3.1

<210> 1

<211> 17

<212> DNA

<213> Artificial Sequence

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<223> pACT-specific 17-mer

<400> 1
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17

<210> 2

<211> 10

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Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
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<211> 16

<212> PRT

<213> Artificial Sequence

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<223> AAP-1 peptide

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Cys Thr Lys Thr Ser Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys
1 5 10 15

<210> 4

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<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)..(5)

<223> N may be any nucleotide

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<222> (1)..(947)

<223> AAP-1-a nucleic acid

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<222> (145)..(145)

<223> N may be any nucleotide

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tcggatcaat tctcagctgg tggcncaaca agtggcaca cagtatgcca ccccaccacc 180

ccctaaaaag gagaagaagg agaaaaggttga aaagcaggac aaagagaaac ctgagaaaaga 240

caaggaaatt agtccttagtg ttaccaagaa aaataccaac aagaaaacca aaccaaagtcc 300

tgacattctg aaagatcctc ctatgtaaac aaacagcata cagtcgcaa atgctacaac 360
aaagaccagc gaaacaaatc acacctaag gccccggctg aaaaacgtgg acaggagcac 420
tgcacagcag ttggcagtaa ctgtggcaa cgtcaccgtc attatcacag actttaagga 480
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gcagaaccag ascagtcgg ggtcagagag cacagacaag ggctccccc gttcctccac 600
gccaaagggc gacatgtcag cagtcataa tgaatcttc taaaattgca catgaaattg 660
tggaaaactat gaatcaggat atgaaattca aaacctccac ctgccccatgc tgcttgcatc 720
cctggagaat cttctgtgga catgcaccc ttatgtatgc tgccaggata atttctgctt 780
gccccatggca tctggccacc aaggaatttc gcaccctgac gattactttt gacactttt 840
tgtattccat tgtttatata ttttccata acaatcattt ataattggat gtgctccctga 900
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<211> 1131

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<222> (1)..(1131)

<223> AAP-1-b nucleic acid

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ggggcggggt acagcccatc catgaccatg ggcgacaaga agagccgcac caggccaaaa 180
agacaagcga aacctgccgc agacgaaggg tttgggatt gtagcgtctg cacccatcaga 240
aacagtgcgt aagccttaa atgcagcatc tgcgtatgtga gaaaggcac ctccaccaga 300
aacacccgga tcaattctca gctggggca caacaagtgg cacaacagta tgccacccca 360
ccaccccta aaaaggagaa gaaggagaaa gttgaaaagc aggacaaaga gaaacctgag 420
aaagacaagg aaatttagtcc tagtggattt aagaaaaata ccaacaaga aaccaaacc 480
aagtctgaca ttctgaaaga tcctcctagt gaagcaaaca gcatacagtc tgcaaatgct 540
acaacaaaga ccagcgaaac aaatcacacc tcaaggcccc ggctgaaaaa cgtggacagg 600
agcactgcac agcagttggc agtaactgtg ggcaacgtca ccgtcattat cacagactt 660
aaggaaaaga ctcgctcctc atcgacatcc tcatccacag tgacctccag tgcagggtca 720
gaacagcaga accagagcag ctggggtca gagagcacag acaagggtct ctcggttcc 780
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aattgtgaaa actatgaatc agggatgaa attcaaaacc tccacctgcc catgtgttt 900
gcattccctgg agaatcttct gtggacatcg acctcttagt gatgctgcc ggataatttc 960
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<210> 6

<211> 352

<212> PRT

<213> Homo sapiens

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<221> MISC_FEATURE

<222> (1)..(352)

<223> X is unknown amino acid residue

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Ala Gly Tyr Ser Pro Ser Met Thr Met Gly Asp Lys Lys Ser Pro Thr
20 25 30

Arg Pro Lys Arg Gln Ala Lys Pro Ala Ala Asp Glu Gly Phe Trp Asp
35 40 45

Cys Ser Val Cys Thr Phe Arg Asn Ser Ala Glu Ala Phe Lys Cys Ser
50 55 60

Ile Cys Asp Val Arg Lys Gly Thr Ser Thr Arg Lys Pro Arg Ile Asn
65 70 75 80

Ser Gln Leu Val Ala Gln Gln Val Ala Gln Gln Tyr Ala Thr Pro Pro
85 90 95

Pro Pro Lys Lys Glu Lys Lys Glu Lys Val Glu Lys Gln Pro Lys Glu
100 105 110

Lys Pro Glu Lys Asp Lys Glu Ile Ser Pro Ser Val Thr Lys Lys Asn
115 120 125

Thr Asn Lys Lys Thr Lys Pro Lys Ser Asp Ile Leu Lys Asp Pro Pro
130 135 140

Ser Glu Ala Asn Ser Ile Gln Ser Ala Asn Ala Thr Thr Lys Thr Ser
145 150 155 160

Glu Thr Asn His Thr Ser Arg Pro Arg Leu Lys Asn Val Asp Arg Ser
165 170 175

Thr Ala Gln Gln Leu Ala Val Thr Val Gly Asn Val Thr Val Ile Ile
180 185 190

Thr Asp Phe Lys Glu Lys Thr Arg Ser Ser Ser Thr Ser Ser Ser Thr
195 200 205

Val Thr Ser Ser Ala Gly Ser Glu Gln Gln Asn Gln Ser Ser Ser Gly
210 215 220

Ser Glu Ser Thr Asp Lys Gly Ser Ser Ala Ser Ser Thr Pro Lys Gly
225 230 235 240

Asp Met Ser Ala Val Asn Asp Glu Ser Phe Xaa Asn Cys Thr Trp Asn
245 250 255

Cys Glu Asn Tyr Glu Ser Gly Tyr Glu Ile Gln Asn Leu His Leu Pro

260 265 270

Met Leu Leu Ala Ser Leu Glu Asn Leu Leu Trp Thr Ser Thr Ser Xaa
275 280 285

Xaa Cys Cys Gln Asp Asn Phe Cys Leu Pro Trp Ala Ser Gly His Gln
290 295 300

Gly Ile Ser His Pro Asp Asp Tyr Ser Xaa His Phe Tyr Val Phe His
305 310 315 320

Cys Phe Ile Xaa Phe Ser Xaa Gln Ser Phe Ile Ile Gly Cys Ala Pro
325 330 335

Glu Ser Thr Phe Tyr Lys Lys Ala Phe Val Ala Ser Arg Asp Leu Xaa
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<210> 7

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> pACT-AAP-1b forward primer

<400> 7

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<210> 8

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> pACT-AAP-1b reverse primer

<400> 8

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<210> 9

<211> 35

<212> DNA

<213> Artificial Sequence

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<223> pACT-AAP-1b forward primer

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<210> 10

<211> 46

<212> DNA

<213> Artificial Sequence

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<223> pACT-AAP-1b reverse primer

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aagaagtacg cggccgcgaa agattcatca ttgactgctg acatgt

46